

## Institute Of Physics, Bhubaneswar

### APPLICATIONS INVITED FOR A PROJECT ASSISTANT POSITION

Applications are invited for the post of Project Assistant in a DST-SERB funded project entitled “Role of Ion Irradiation induced Defects on the Morphological and Transport properties of Graphene” under the supervision of Prof. Shikha Varma, Institute of Physics, Bhubaneswar, 751005, India. [For more information please visit Prof. Shikha Varma’s home page: <http://www.iopb.res.in/members/shikha>].

**Essential & Desirable Qualification:** The applicant must have First Class MSc in Physics/ Material Science/nanotechnology/Engineering Physics from a recognized University. The candidates who have qualified CSIR/UGC/NET(LS)/JEST will be preferred. Candidates having prior research experience of more than one year in Industry/Academia will also be preferred. It is preferable that the candidate has experience in some of the following areas: Graphene based materials, measurements on Graphene (SLG, RGO etc.), Transport property measurement, Ion implantation, measurements using Raman spectroscopy and Atomic force microscopy.

**Duration:** Initial appointment of the candidate will be for 1 year, extendable on annual basis depending on the performance of the candidate, up to two year or upon termination of the project, whichever occurs earlier.

**Fellowship:** As per IOP and updated DST-SERB rules

**Project Description:** The primary aim of the project is to understand the Role of Ion Irradiation induced Defects on the Morphological and Transport properties of Graphene.

**Nature of Study:** making graphene, introduction of defects, measuring and understanding structural, chemical and transport properties.

Applications with complete **bio-data** (with details of qualification i.e. examination passed, year, division, percentage of marks from 10th Board onwards, and photocopies of mark sheets/ testimonials/ certificates) along with MSc certificate should be sent by email to [dst-graphene@iopb.res.in](mailto:dst-graphene@iopb.res.in). Along with biodata, applicant should also send a **Note on Experience** where he/she can provide information about any desirable/preferable experience for this project that they may have. Three recommendation letters should also be included. All documents should be sent to [dst-graphene@iopb.res.in](mailto:dst-graphene@iopb.res.in) before the last date.

**Last Date** of Receipt of complete application and all recommendation letters: **2 Nov. 2018.**

Shortlisted candidates will be intimated by email and called for presentation-interview at the Institute of Physics, Bhubaneswar or by skype. No TA/DA will be provided for coming for presentation and interview.

**General Information about IOP** (<http://www.iopb.res.in>)